

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously amended): A telecommunication system for wireless, at least partially asynchronous telecommunication networks, comprising.

first mobile parts;

first base stations that are synchronous with said first mobile parts;

at least one second base station that is asynchronous relative to the first base stations, said at least one second base station being in proximity of said first base stations;

said first and second base stations and said first mobile parts being connectible by wireless transmission of messages; and

first messages having first information are at least temporarily sent at least from one part of the first base stations, said first information indicating that the first base stations are surrounded by at least one of the second base stations.

Claim 2 (previously amended): A telecommunication system according to claim 1, wherein synchronism between the first base stations and the first mobile parts exists in an idle locked mode of the first mobile parts .

Claim 3 (previously amended): A telecommunication system according to claim 1, wherein synchronism between the first base stations and the first mobile parts exists in an active locked mode of the first mobile parts.

Claim 4 (previously amended): A telecommunication system according to claim 1, wherein the telecommunication system is a TDMA-based telecommunication system.

Claim 5 (previously amended): A telecommunication system according to claim 4, wherein the first base stations are respectively asynchronous relative to the second base station or stations in view of at least one of bit, time slot and time frame synchronism.

Claim 6 (previously amended): A telecommunication system according to claim 1, wherein the part of the first base stations regularly sends the first messages with the first information.

Claim 7 (previously amended): A telecommunication system according to claim 1, wherein part of the first base stations automatically sends the first messages with the first information.

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Claim 8 (previously amended): A telecommunication system according to claim 1, wherein part of the first base stations is initiated by the network side to send the first messages with the first information.

Claim 9 (previously amended): A telecommunication system according to claim 1, wherein the first mobile parts - after receiving the first messages - become asynchronous relative to the first base stations for a predetermined time span dependent on mobile part location-specific reception criteria in order to search for said second base stations.

Claim 10 (previously amended): A telecommunication system according to claim 4, wherein the first mobile parts are respectively asynchronous relative to the first base stations in view of at least one of bit, time slot and time frame synchronism.

Claim 11 (previously amended): A telecommunication system according to claim 9, wherein the first mobile parts interrupt a search for a predetermined time span after they have searched for the second base stations.

Claim 12 (previously amended): A telecommunication system according to claim 11, wherein the first mobile parts include time counters for acquiring the predetermined time span.

Claim 13 (previously amended): A telecommunication system according to claim 12, wherein the first base stations load the time counters of the first mobile parts with the predetermined time span as a start value on a basis of the wireless transmission of the messages.

Claim 14 (previously amended): A telecommunication system according to claim 13, wherein the first base stations include memories wherein the predetermined time span is stored.

Claim 15 (previously amended): A telecommunication system according to claim 13, wherein the predetermined time span is delivered to the first base stations from the network side.

Claim 16 (previously amended): A telecommunication system according to claim 9, wherein the time span is a multiple of one of the time slot and time frame.

Claim 17 (previously amended): A telecommunication system according to claim 9, wherein the first mobile parts repeat the search procedures at regular time intervals given unsuccessful attempts to seek the second base stations.

Claim 18 (previously amended): A telecommunication system according to claim 9, wherein the mobile location-specific reception criteria are a downward transgression of mobile part location-specific reception field strength thresholds.

Claim 19 (previously amended): A telecommunication system according to claim 18, wherein the mobile part location specific reception field strength thresholds and threshold for initiation of inter-cell handover are of a same size.

Claim 20 (new): A system comprising:
a wireless, at least partially asynchronous, telecommunication network, said wireless telecommunication network having first mobile parts;
first base stations, located in said network, that are synchronous with said first mobile parts;

at least one second base station, located in said network, that is asynchronous relative to the first base stations, said at least one second base station being in proximity of said first base stations;

DL said first and second base stations and said first mobile parts being connectible by wireless transmission of messages; and

first messages having first information are at least temporarily sent at least from one part of the first base stations, said first information indicating that the first base stations are surrounded by at least one of the second base stations.
